

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Application Number : 10/671,490 Confirmation No. 8465
Applicant : Kwang Hyo CHUNG et al.
Filed : September 29, 2003
Tech Cntr/AU : 1797
Examiner : Jyoti Nagpaul
Entitled : DEVICE FOR CONTROLLING FLUID USING SURFACE TENSION
Attorney Reference : 123034-05004739
Customer Number : 22429

MAIL STOP AF

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

RESPONSE AFTER FINAL

Dear Sir:

In response to the Final Office Action dated December 11, 2007, reconsideration of the application is respectfully requested.

The rejection of claims 1-16 under 35 U.S.C. §103(a) as obvious over McNeely (U.S. 6,591,852) is respectively traversed. The rejection is believed overcome in view of the following remarks. Specifically, Applicants respectfully submit that for at least three reasons, McNeely fails to teach or suggest all of Applicants' claim limitations.

1. Independent claim 1, recites, *inter alia*, a device wherein:

“at least one side connecting channel connecting the first capillary stop valve to the second stop valve, wherein the capillary stop valves stop the flow of the fluid in each supply channel and exhaust channel using the surface tension of the fluid, and wherein a flow of fluid through the side connecting channel opens the capillary stop valves.” (Emphasis added).

At paragraph 5 of the Office Action, the Examiner asserts that McNeely discloses wherein the flow of fluid through the side connecting channel 2 opens the capillary stop valves (a and b), as recited by the Applicants. Applicants respectfully disagree.